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Nervous System Part A Review

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| **Across**  **2.** Support cells that form myelin sheaths in the PNS.  **6.** Cutaneus sens organs that detect stretch or tension in tendons, ligaments, or muscles.  **8.** Support cells that circulate cerebrospinal fluid.  **10.** Spiderlike phagocytes that dispose of debris.  **12.** Involuntary nervous system  **14.** Support cells that produce myelin sheaths in the CNS.  **15.** Part of the neuron that conducts impulses toward the cell body.  **17.** Nerve fibers that carry impulses away from the CNS, aka motor.  **19.** White, fatty material covering the axons that increases transmission rate of impulses.  **20.** Gaps in the myelin sheath along the axon (PNS only). | **Down**  **1.** The gap between adjacent neurons.  **3.** Support cells in the CNS are grouped together as \_\_\_?  **4.** Support cells that protect the neuron cell body.  **5.** Ability to transmit an impulse  **7.** Voluntary nervous system  **9.** Nerve fibers that carry information to the CNS, aka sensory.  **11.** Association neurons that are found in the CNS.  **13.** Part of the neuron that conducts impulses away from the cell body.  **16.** Rapid, predictable, and involuntary response to a stimulus.  **18.** Forms blood brain barrier and are abundant, star-shaped support cells. |